

(C) WPI / DERWENT

XP-002390710

AN - 1999-366912 [31]  
AP - JP19970301810 19971104  
CPY - SUMD  
DC - L02  
DR - 1694-U  
FS - CPI  
IC - C04B7/345 ; C04B28/02  
MC - L02-D13A  
PA - (SUMD) SUMITOMO CEMENT CO LTD  
PN - JP11139859 A 19990525 DW199931 C04B28/02 005pp  
PR - JP19970301810 19971104  
XA - C1999-108187  
XIC - C04B-007/345 ; C04B-028/02 ; (C04B-007/345 C04B-018/08 C04B-028/02)  
AB - JP11139859 Composition (A) is composed of super quick setting cement (B), fine aggregate (C), fly ash (D), and chemical admixture (E). (D) diameter is less than 10 microns and it occupies 10-40 wt. % of the sum of (B) and (D).  
- Preferably sum of (B) and (D) occupies 50-90 wt. % of (A). B comprises at least one of  $(12\text{CaO} \cdot 7\text{Al}_2\text{O}_3)$ ,  $((11\text{CaO} \cdot 7\text{Al}_2\text{O}_3 \cdot \text{CaX}_2)$ , where (X) is halogen),  $(3\text{CaO} \cdot 3\text{Al}_2\text{O}_3 \cdot \text{CaSO}_4)$ , and amorphous calcium aluminate, containing silica sand.  
- USE - Used as super quick setting cement composition.  
- ADVANTAGE - This method is able to prepare cement mortar which shows high fluidity 20 minutes after its mixing and also shows high early strength after 2 hours of mixing.  
- (Dwg.0/0)  
C - C04B7/345 C04B18/08 C04B28/02  
IW - RAPID SET CEMENT COMPOSITION CALCIUM ALUMINATE CALCIUM ALUMINO SULPHATE BASED MATERIAL  
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NC - 001  
OPD - 1997-11-04  
ORD - 1999-05-25  
PAW - (SUMD) SUMITOMO CEMENT CO LTD  
TI - Rapid setting cement compositions - includes e.g. calcium aluminate and calcium alumino-sulphate based materials

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